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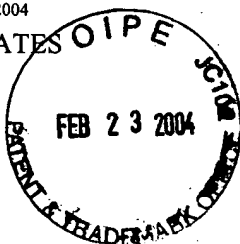
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28112 7590 01/20/2004

GEORGE O. SAILE & ASSOCIATES
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Stephen B. Ackerman	(Depositor's name)
<i>[Signature]</i>	(Signature)
February 19, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/998,787	10/31/2001	Tien-I Bao	TS00-863	8702

TITLE OF INVENTION: SOLUTION TO THE PROBLEM OF COPPER HILLOCKS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	04/20/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
PERKINS, PAMELA E	2822	438-687000

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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. George O. Saile
 2. Stephen B. Ackerman
 3. Rosemary L. S. Pike

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Taiwan Semiconductor
 Manufacturing Company

Hsin-Chu, Taiwan

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

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